

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Tomonori KAWAKAMI et al.)      Confirmation No.: Unassigned  
    )  
Application No.: NEW                                  )      Group Art Unit: Unassigned  
    )  
Filed: June 13, 2006                                  )      Examiner: Unassigned  
    )

For: MICROPARTICLES, MICROPARTICLE PRODUCTION METHOD, AND  
MICROPARTICLE PRODUCTION APPARATUS

Commissioner for Patents  
U.S. Patent and Trademark Office  
**Customer Window Mail Stop:**  New Application  Amendment  AF  Issue Fee  
Alexandria, VA 22314

Sir:

**INFORMATION DISCLOSURE STATEMENT (IDS)**

**Under 37 C.F.R. § 1.97(b):** Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents listed on the attached PTO Form 1449. To the undersigned's knowledge, this IDS is being filed before the mailing date of a first Office Action on the merits, before the mailing date of a first Office Action on the merits after filing an RCE under § 1.114, or within three months of the application filing date.

**Under 37 C.F.R. § 1.97(c):** Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c), Applicant brings to the attention of the Examiner the documents listed on the attached PTO Form 1449. This IDS is being filed after the events recited in § 1.97(b) but, to the undersigned's knowledge, before the mailing date of a Final Office Action, a Notice of Allowance, or another action that closes prosecution in the application.

- The fee of \$180.00 set forth in § 1.17(p) is included herein; or
- Applicant submits that each item of information contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS.

**Under 37 C.F.R. § 1.97(d):** Pursuant to 37 C.F.R. §§ 1.56 and 1.97(d), Applicant brings to the attention of the Examiner the documents listed on the attached PTO Form 1449. This IDS is being filed after the events recited in § 1.97(c) but before payment of the issue fee.

- The fee of \$180.00 set forth in § 1.17(p) is included herein; and
- Applicant submits that each item of information contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS.

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**Under 37 C.F.R. § 1.97(i):** Pursuant to 37 C.F.R. §§ 1.56 and 1.97(i), Applicant brings to the attention of the Examiner the documents listed on the attached PTO Form 1449. This IDS is being filed after the events recited in § 1.97(d). Applicant requests that the IDS be placed in the file.

A search report or other listing of documents from a counterpart, related, or other application dated May 31, 2005 and having documents cited thereon is attached for the Examiner's consideration. Any of these documents not previously cited, and any additional documents are listed on the PTO Form 1449.

Applicant respectfully requests that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form. As for any document listed on the accompanying PTO-1449 that is in a language other than English, relevance can be understood from an enclosed English abstract or at least partial translation or from mention in the specification or in a search report for a corresponding application.

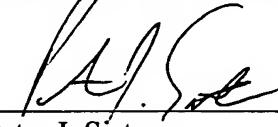
This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that any of the listed documents are material or constitute "prior art." If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicant reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should any of the documents be applied against the claims of the present application.

Except for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this Application, including fees due under 37 C.F.R. § 1.16 and 1.17 which may be required and including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-0573. This paragraph is intended to be a CONSTRUCTIVE PETITION FOR EXTENSION OF TIME in accordance with 37 C.F.R. § 1.136(a)(3).

Respectfully submitted,

**DRINKER, BIDDLE & REATH LLP**

  
Peter J. Sistare  
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Dated: June 13, 2006

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<b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary)	Attorney Docket No.: 46884-5484	Serial No.: <b>NEW</b>
	Applicants Tomonori KAWAKAMI et al.	Page 1 of 1
<b>PTO Form 1449</b>	Filing Date: June 13, 2006	Group Art Unit: Unassigned

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Sub Class	<u>Translation</u>	
							YES	NO
		11-269432	10/05/1999	Japan			Abstract	
		2001-113159	04/24/2001	Japan			Abstract	
		WO 2004/020086	03/11/2004	PCT			Abstract	
		WO 2004/080586	09/23/2004	PCT			Abstract	
		WO 2005/049213	06/02/2005	PCT			Abstract	
		WO 2005/058480	06/30/2005	PCT			Abstract	
		WO 2005/082521	09/09/2005	PCT			Abstract	
		WO 2005/092489	10/06/2005	PCT			Abstract	

## **OTHER DOCUMENTS**

(Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

	Yoshiaki TAMAKI et al., "Tailoring nanoparticles of aromatic and dye molecules by excimer laser irradiation," <i>Applied Surface Science</i> 168 (2000) 85-88.
	Yoshiaki TAMAKI et al., "Nanoparticle Formation of Vanadyl Phthalocyanine by Laser Ablation of Its Crystalline Powder in a Poor Solvent," <i>J. Phys. Chem. A</i> 2002, 106, 2135-2139.
	Takeshi SASAKI et al., "Preparation of Platinum-Titanium Oxide Composite Particulate by Laser Ablation in Aqueous Solutions," The Japan Society of Applied Physics 64 <sup>th</sup> Annual Meeting Digest (Autumn 2003, Fukuoka University), p. 1032, and its English language translation
	Bo LI et al., "Enhancement of organic nanoparticle preparation by laser ablation in aqueous solution using surfactants," <i>Applied Surface Science</i> 210 (2003) 171-176.
	Bo LI et al., "Surfactant effects on optical absorption spectra of iron phthalocyanine nanoparticles in water," <i>Materials Research Bulletin</i> 39 (2004) 1265-1269.

Examiner \_\_\_\_\_ Date Considered \_\_\_\_\_  
Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.